

Work Order ID 72472

Tuesday, July 26, 2011 9:08:57 AM



Page 1

Item ID: D4131-041

Accept



Setup Start



Revision ID:

Item Name: Manifold Assembly

Stop



Start Date: 7/26/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 7/29/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals:

Process Plan: */*

Date: *11-07-26*

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D4131

A U/R

see attached email

100

Weld per dwg A/R S.S. rod Batch: *M114509*

0.00



Large Fab

Memo

0.00

Large Fab

2 11-7-28 (16)

110

QC9- Inspect visual per QSI004- Fusion Welds

0.00



QC

Memo

0.00

Quality Control

BE11/08/02
11.08.02 6 0

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

5 moslor

(16)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 72472

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Page 2

Item ID: D4131-041

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Setup Start



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Stop



Start Date: 7/26/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 7/29/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: _____

0.00



Packaging

Memo

P1172378 4p
2570ch

0.00

Packaging

CK 11/08/03 (6)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

CK 11/08/03

11-08-2
(4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, July 26, 2011 9:09:03 AM

Page 1

Work Order ID: 72472

Parent Item: D4131-041

Parent Item Name: Manifold Assembly

Start Date: 7/26/2011


Required Date: 7/29/2011

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP Rev:A 10.10.06 new issue DD verf:EC


Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	----------------	--------------	---------------	----------------	--------

D4131-1		Manufactured	No			100	Each	8.0000	1	10			
													
Front Plate													

Location	Loc Qty	Loc Code
----------	---------	----------

ST131	8	
70318	4	
71414	4	


4
2

D4131-3		Manufactured	No			100	Each	6.0000	1	10			
													
Base													

Location	Loc Qty	Loc Code
----------	---------	----------

ST131	6	
70319	2	
71413	4	

2
4

D4131-5		Manufactured	No			100	Each	18.0000	2	20			
													
Side Plate													

Location	Loc Qty	Loc Code
----------	---------	----------

ST131	8	
71415	8	
WA	10	
70321	10	

2
10

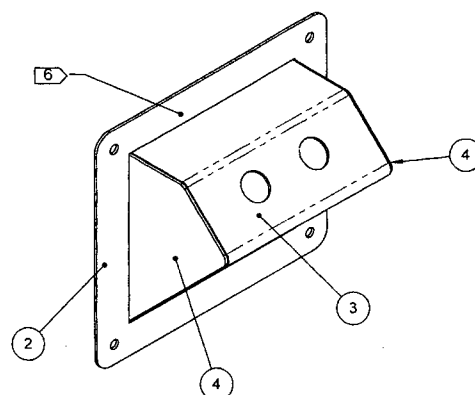
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



D4131-041 MANIFOLD ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 0.64 lbs

ITEM	QTY	PART NUMBER	DESCRIPTION
1	X	D4131-041	MANIFOLD ASSEMBLY
2	1	D4131-1	FRONT PLATE
3	1	D4131-3	BASE
4	2	D4131-5	SIDE PLATE

SHOP COPY
 RETURN TO
 ENGINEERING
 UNCONTROLLED COPY
 SUBJECT TO AMENDMENT
 WITHOUT NOTICE
 WORK ORDER
 NO. 72472

UNDER REVIEW

11/6/20
 DESIGN UPDATE
 JMS

RELEASED
 2010-09-23
 JMS

A	NEW ISSUE	RF	10.09.16
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED	<u>10</u>		
MFG. APPR.	<u>10</u>		
APPROVED	<u>10</u>		
DE APPR.	<u>10</u>		
DATE	10.09.16		

DART AEROSPACE USA, INC.
 PORT HADLOCK, WA

DRAWING NO. **D4131** REV. A
 SHEET 1 OF 8

TITLE **MANIFOLD ASSEMBLY** SCALE NTS

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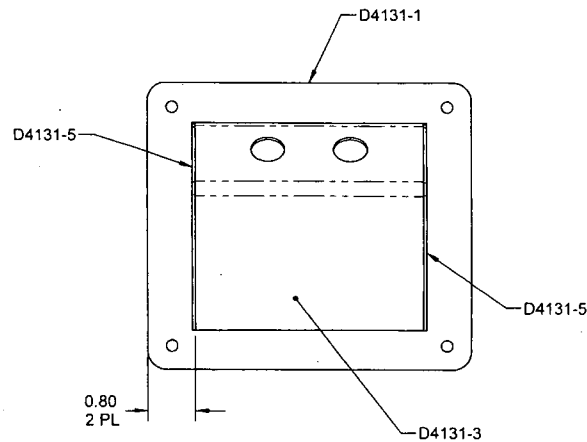
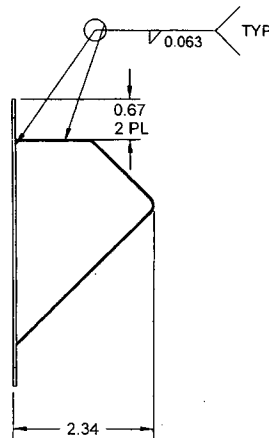
W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



D4131-041 MANIFOLD ASSEMBLY

UNDER REVIEW
11/07/10

RELEASED
2010-09-23
ND

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER QSI 044 6.1
- 7) WEIGHT: 0.64 lbs
- 8) WELD PER DART QSI 004

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED	ND	DRAWING NO.	REV. A
MFG. APPR.	ND	D4131	SHEET 3 OF 8
APPROVED	ND	TITLE	SCALE
DE APPR.	ND	MANIFOLD ASSEMBLY	NTS
DATE	10.09.16	<small>COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	

Linda Lacelle

From: David Shepherd <dshepherd@dartaero.com>
Sent: July 22, 2011 1:00 PM
To: 'Linda Lacelle'; 'Roberto Fuentes'
Cc: Mike Petsche; 'Kim Johnston'
Subject: RE: Under Review - D4092, D4093, D4153, D4074 and D4131

Linda,

as discussed:

- a) D4092/D4093 should not be manufactured as is
- b) There are changes coming on D4153 and D4131, but it is acceptable to manufacture and release parts that are made per per D4153 Rev A and D4131 Rev A
- c) All D4074-X parts must be manufactured per D4074 Rev B ... There is no change to D4074-1/-5 but changes are required to D4074-3/-7. D4074 Rev B should arrive in Hawkesbury today.

Hope this clarifies the situation ... Sorry for any confusion.

David

From: Linda Lacelle [mailto:llacelle@dartaero.com]
Sent: July-22-11 7:16 AM
To: 'Roberto Fuentes'
Cc: dshepherd@dartaero.com
Subject: RE: Under Review - D4092, D4093, D4153, D4074 and D4131

have kits to ship next week, and more the week after, when is 4074, 4153 and 4131 all going to be released??

From: Roberto Fuentes [mailto:rfuentes@dartaero.com]
Sent: July 20, 2011 11:45 AM
To: Linda Lacelle
Cc: 'Stocker, Alan'; 'Beckett, Bill'; 'Golden, Brigitte'; 'Lavoie, Chantal'; 'Provencal, Chris'; 'Campbell, Daniel'; 'Duval, David'; 'Shepherd, David'; 'Charbonneau, Eric'; 'Downing, Eric'; 'Siemens, Harvey'; 'Jean-Francois Sauve'; 'Menard, Jean-Luc'; 'Johnston, Kim'; 'Fauteux, Melanie'; 'Petsche, Mike'; 'Willems, Sian'; 'Bedford, Sue'; 'Sheldon, Susanne'; 'Kerr, Cathy'; Marc Bellavance
Subject: Under Review - D4092, D4093, D4153, D4074 and D4131

Hi everyone,

D4092, D4093, D4453, D4074 and D4131 drawings are now under review per attached form.

Thanks,
Roberto